

DREW CHEMICAL CORP,DIV OF ASHLAND CHEMICAL CO -- 4641 PERFORMAX 401 CORROSION INHIBITOR -- 6810-01-313-9541

===== Product Identification =====

Product ID:4641 PERFORMAX 401 CORROSION INHIBITOR

MSDS Date:02/10/1995

FSC:6810

NIIN:01-313-9541

MSDS Number: CCVTW

=== Responsible Party ===

Company Name:DREW CHEMICAL CORP,DIV OF ASHLAND CHEMICAL CO

Address:ONE DREW CHEMICAL PLAZA

City:BOONTON

State:NJ

ZI

P:07005

Country:US

Info Phone Num:201-263-7600

Emergency Phone Num:606-324-1133

CAGE:52454

=== Contractor Identification ===

Company Name:DREW CHEMICAL CORP,DIV OF ASHLAND CHEMICAL CO

Address:ONE DREW CHEMICAL PLAZA

Box:City:BOONTON

State:NJ

ZIP:07005

Country:US

Phone:606-324-1133

CAGE:52454

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM MOLYBDATE

CAS:7631-95-0

RTECS #:QA5075000

Fraction by Wt: 1-10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG MO/M3

ACGIH TLV:5 MG MO/M3

Ingred Name:ORGANIC SALT, SPECIFIC CHEMICAL NAME IS BEING WITHHELD AS  
TRADE SECRET

Fraction by Wt: 1-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM TOLYLTRIAZOLE

CAS:64665-57-2

Fraction by Wt: 1-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ORGANIC SALT, SPECIFIC CHEMICAL NAME IS BEING WITHHELD AS  
TRADE SECRET

Fraction by Wt: 1-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM HYDROXIDE (CERCLA)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt

: 1-10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE:EXPO CAUSES IRREVERSIBLE EYE

DMG.SKIN:EXPO CAUSES IRREVERSIBLE SKIN DMG.EXPOSURE MAY BE HARMFUL  
OR FATAL.SWALLOWING-MAY BE HARMFUL OR FATAL.

Explana

tion of Carcinogenicity:PER MSDS:NO NTP/IARC/OSHA CARCINOGENS.

Effects of Overexposure:EYE:STINGING,TEARING,REDNESS,SWELLING,CORNEAL

DMG,BLINDNESS.SKIH:REDNESS,SWELLING,BURNS,SEVERE SKIN DMG.IRRIT &  
BURNS TO NOSE/THROAT/RESPIRATORY TRACT.SEVERE IRRITATION AND BURNS  
OF MOUTH/THROAT/DIGES TIVE TRACT.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE

AGGRAVATED BY EXPOSURE TO THIS MATL.PRE-EXISTING LUNG  
DISORDERS(E.G. ASTHMA-LIKE CONDITIONS)MAY BE AGGRAVATED

BY EXPO TO  
THIS MATL.

===== First Aid Measures =====

First Aid:SKIN:IMMED FLUSH W/WATER FOR @LEAST 15MINS WHILE REMOVEING  
CONTAM CLOTH/SHOES.SEEK IMMED MED ATTN.EYE:IMMED FLUSH GENTLY  
W/WATER FOR @LEAST 15MINS WHILE HOLDING EYELIDS APART.SYMPT DVLP AS  
RESULT OF V AP EXPO IMMED MOVE INDIVIDUAL AWAY FRM EXPO & INTO  
FRESH AIR BEF FLUSING RECOMMENDED AS ABOVE.SEEK IMMED MED  
ATTN.INGEST:SEEK IMMED MED ATTN.DONT INDUCE VOMIT-IT WILL CAUS  
E  
FURTHER DMG TO MOUTH/(SUPP)

===== Fire Fighting Measures =====

Flash Point:NA  
Autoignition Temp:Autoignition Temp Text:NP  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:REGULAR FOAM OR WATER FOG OR CARBON DIOXIDE OR DRY  
CHEMICAL.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS W/FULL  
FACEPIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE W/APPROP  
TURNOUT GEAR & CHEM RESIST PPE.REFER PPE SEC OF MSDS  
Unusual Fire/Explosion Hazard:NO SPECIAL FIRE HAZARDS ARE KNOWN TO BE  
ASSOCIATED W/THIS PRODUCT.

===== Accidental Release Measures =====

Spill Release Procedures:SM:ABSORB LIQ ON ERMI,FLOOR ABSORBENT,OTHER  
ABSORBENT MATL.LG:PERSONS NOT WEAR PPE SHOULD BE EXCLUDED FRM AREA  
TIL CLEANUP COMPLETED.STOP SPILL @SOURCE.DIKE TO PREVENT  
SPREADING.PUMP LIQ TO SALVAGE TN K,REMAIN LIQ TAKEUP ON  
SAND,CLAY,FLOOR (SUPPLEMEN)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:CNTNR OF MATL MAY BE HAZ WHEN EMPTIED  
SINCE EMPTIED CNTNR RETAIN PROD RESIDUES(VAP,LIQ,&/OR SOLID)ALL HAZ  
PRECAUT GIVEN IN DATA SHEET MUST BE OBSERVED  
Other Precautions:KEEP FROM FREEZING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WORKPLACE EXPO LIMIT OR PROD/COMPO  
EXCEEDED,NIOSH/MSHA APPROV AIR SUPP RESP ADVISED IN ABSENCE OF  
PROPER ENVI

ROCNTRL.OSHA REG ALSO PERMIT OTHER NIOSH/MSHA RESP(NEG PRESS TYP)UNDER SPEC CONDITIONS.ENGI NEER/ADMIN CNTRL SHOULD BE INMPLEMENTED.

Ventilation:PROVIDE SUFFICIENT MECH(GENERAL &/OR LOCAL EXHAUST)VENTIALTION TO MAINTAIN EXPO BELOW TLV(S).

Protective Gloves:RESISTANT GLOVES SUCH AS NEOPRENE

Eye Protection:CHEM SPLASH GOGG,FCSHIELD(8")IAW OSHA RG

Other Protective Equipment:EYE PROT REGS ALSO PERMITS OTHER TYP OF SAF GLASS(CONSULT YOUR INDUST HYG).CLOTHING,BOOTS.

Work Hygienic Pract

ices:WASH CONTAM CLOTH BEF REUSE & DECONTAM/DISCARD CONTAM SHOES.

Supplemental Safety and Health

1ST AID:THROAT.PERSON CONSC/ALERT IMMED RINSE MOUTH W/H2O.GIVE MILK/H2O TO DRINK.IF POSSIBLE DONT LEAVE UNATTN.INHAL:SYMPT DVLP MOVE AWAY FRM EXPO INTO FRESH AIR.SYMPT PERSIST GET MED ATTN.BREATH DIFFI ADMIN OXY.KEEP WARM/QUIET.GET IMMED MEDATTN. SPILL:ABSORBENT.SHOVEL INTO CNTNR.PREVENT RUNOFF TO SEWER/STREAM/H2O BODY

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===== Physical/Chemical Properties =====  
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HCC:B2

Boiling Pt:=100.C, 212.F

Vapor Pres:17.5

Vapor Density:>AIR

Spec Gravity:1.195

pH:13.0

Viscosity:NP

Evaporation Rate & Reference:UNAVAILABLE

Solubility in Water:NP

Appearance and Odor:CLEAR YELLOW LIQUID

Percent Volatiles by Volume:70-85

Corrosion Rate:NP

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===== Stability and Reactivity Data =====  
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Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH:STRONG MINERAL ACIDS, STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED B

Y MANUFACTURER.

Hazardous Decomposition Products:MAY FORM:NITROGEN

COMPOUNDS,PHOSPHOROUS COMPOUNDS,CARBON DIOXIDE AND CARBON MONOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:SM:DISPO OF IAW ALL LOCAL, STATE AND FEDERAL REGULATIONS. LG:DISPO OF IAW ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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